

ABSTRACT

[0052] A catalyst slurry for a polymerization reactor can be prepared in a mixing tank and the catalyst slurry fed to one or more storage tanks. The storage tanks can include agitators so that the catalyst slurry is maintained at an essentially homogeneous solids-to-liquid ratio. From the storage tank(s), the catalyst slurry can be pumped to the polymerization reactor along a fluid passage having a flow meter. The flow of the catalyst slurry can be continuous and/or adjusted based on a measured parameter. The catalyst slurry may be continuously and reliability fed to the polymerization reactor.